Substitute Form PTO-1449

(37 CFR §1.98(b))

U.S. Department of Commerce Patent and Trademark Office

Attorney's Docket No. 13909-100001

Application No. 10/699,477

**Information Disclosure Statement** by Applicant (Use several sheets if necessary)

Wolfgang Theilmann et al.

Filing Date

Applicant

October 31, 2003

**Group Art Unit** 3714

Substitute Disclosure Form (PTO-1449)

Examiner Initial	Desig. ID	Document Number	Publicati on Date	Documents Patentee	Class	Subclass	Filing/Date If Appropriate
7KH/	AA	US-60/201,500	011 54.0	Adams	0.000		5/3/2000
1	AB	US-60/272,251		Ward			2/28/2001
	AC	US-60/329,088		Riggs			10/12/2001
	AD	US-60/334,714		Diesel			1/1/2001
	AE	US-60/400,606		Diesel			8/1/2002
1	AF	US-2002/0006603 A1	11-2002	Peterson et al.		1	
	AG	US-2002/0073063	06-2002	Faraj		1	
	AH	US-2002/0138841 A1	09-2002	Ward		/	
-	AI	US-2003/0073065	4-2003	Riggs		1	
	AJ	US-2003/0163784 A1	8-2003	Daniel et al.		7	
	AK	US-2003/0211447	11-2003	Diesel et al.			
	AL	US-2003/0224339 A1	12-2003	Jain et al.			
	AM	US-5008853	4-1991	Bly et al.			
	AN	US-5310349	5-1994	Daniels et al.			
	AO	US-5788508	8-1998	Lee et al.			
	AP	US-5881315	3-1999	Cohen			
	AQ	US-6014134	1-2000	Bell et al.			
	AR	US-6091930	7-2000	Mortimer et al.			
	AS	US-6099320	8-2000	Papadopoulous			
	AT	US-6148338	11-2000	Lachelt et al.			
	AU	US-6149438	11-2000	Richard et al.			
	AV	US-6347943	2-2002	Fields et al.			
	AW	US-6370355	4-2002	Ceretta et al.			
	AX	US-6470171	10-2002	Helmick et al.			
	AY	US-6587668	7-2003	Miller et al.			
V	AZ	US-6622003	9-2003	Denious et al.	\		
-/KH/	AAA	US-6643493	11-2003	Kilgore			

Examiner Signature	M	Ch	Date Considered 3/ 16(07
EXAMINER: Initials of next communication to		line through citation if no	it in conformance and not considered. Include copy of this form with



Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office				
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	U.S. Patent Documents												
Examiner Initial	Desig. ID	Document Number	Publicati on Date	Patentee	Class	Subclass	Filing Date If Appropriate						
7KH/	ABB	US-6709330	3-2004	Klein et al.									

	Foreign Patent Documents or Published Foreign Patent Applications									
Examiner	Examiner Desig. Document Publication Country or Translation									
Initial	ID d	Number	Date	Patent Office	Class	Subclass	Yes	No		

(	Other D	ocuments (include Author, Title, Date, and Place of Publication)
Examiner Initial	Desig. ID	Document
/KH/ ACC		Hewlett Packard, "HP OpenView Integration Guide for Developers," July 2002, [online], [retrieved from the Internet on March 24, 2004: <a href="http://h21007.www2.hp.com/dspp/files/unprotected/OpenView/IntegrationGuide/OV Integration Guide 7 30.pdf">http://h21007.www2.hp.com/dspp/files/unprotected/OpenView/IntegrationGuide/OV Integration Guide 7 30.pdf</a> ], pp. 67-92, XP002274908
	ADD	Hewlett Packard, "hp OpenView Service Navigator for hp OpenView Operations 7.x for UNIX Product Brief," May 2002, [online], [retrieved from the Internet on March 24, 2004: <a href="http://www.pervigil.com/PDF/HP/sernav_pb_jun02.pdf">http://www.pervigil.com/PDF/HP/sernav_pb_jun02.pdf</a> ], 2 pgs., XP002274906
d	AEE	Sun Microsystems, "Developing Web Services with SUN™ Open Network Environment," March 2002, [online], [retrieved from the Internet March 24, 2004: <a href="http://www.sun.com/software/sunone/wp-spine/spine.pdf">http://www.sun.com/software/sunone/wp-spine/spine.pdf</a> ], pp. 1-32, XP002274909
/KH/	AFF	Trythall, Steve, "JMS and CORBA Notification Interworking," December 12, 2001, [online], [retrieved from the Internet March 24, 2004: <a href="http://www.onjava.com/pub/a/onjava/2001/12/12/jms_not.html">http://www.onjava.com/pub/a/onjava/2001/12/12/jms_not.html</a> ], 8 pgs., XP002274907

Examiner Signature /Kang Hu/	Date Considered 03/16/2007
EXAMINER: Initials citation considered. Draw line through citation if no next communication to applicant.	t in conformance and not considered. Include copy of this form with  Substitute Disclosure Form (PTO-1449)

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U.S. Patent Documents										
Examiner Initial	Desig. ID	Document Number	Publicati on Date	Patentee	Class	Subclass	Filing Date If Appropriate			
/KH/	AA	US-5395243	03-1995	Lubin et al.						
	AB	US-6011949	01-2000	Shimomukai						
	AC	US-6112049	08-2000	Sonnenfeld			/			
	AD	US-6149441	11-2000	Pellegrino et al.			/.			
	AE	US-6162060	12-2000	Richard et al.						
	AF	US-6164974	12-2000	Carlile et al.						
	AG	US-2001/0044728 A1	11-2001	Freeman et al.						
	AH	US-2001/0047310 A1	11-2001	Russell, Randall A.						
	ΑI	US-6315572	11-2001	Owens et al.			/			
	AJ	US-6347333 B2	02-2002	Eisendrath et al.		,				
·····	AK	US-2002/0042041 A1	04-2002	Owens et al.		/				
ĺ	AL	US-6368110 B1	04-2002	Koenecke et al.		/				
	AM	US-2002/0061506 A1	05-2002	Catten et al.						
	AN	US-6398556 B1	06-2002	Ho et al.		/				
	AO	US-2002/0142278 A1	10-2002	Whitehurst et al.		7				
	AP	US-2002/0188583 A1	12-2002	Rukavina et al.		<i>7</i> ·				
	AQ	US-2003/0013073 A1	01-2003	Duncan et al.		1				
	AR	US-2003/0113700 A1	01-2003	Simon		1				
	AS	US-6514085 B2	01-2003	Slattery et al.		17				
	AT	US-6527556 B1	03-2003	Koskinen		1				
	AU	US-2003/0073063 A1	04-2003	Dattaray et al.						
	AV	US-2003/0082508 A1	05-2003	Barney, Matthew F.						
	AW	US-2003/0151629 A1	08-2003	Krebs et al.						
	AX	US-2003/0152899 A1	08-2003	Krebs et al.						
1/	AY	US-2003/0152900 A1	08-2003	Krebs et al.						
V	AZ	US-2003/0152901 A1	08-2003	Altenhofen et al.						
/KH/	AAA	US-2003/0152902 A1	08-2003	Altenhofen et al.						

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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 13909-100001	Application No. 10/699,477
	closure Statement	Applicant Wolfgang Theilmann	et al.
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		. U.	S. Patent	Documents			
Examiner Initial	Desig. ID	Document Number	Publicati on Date	Patentee	Class	Subclass	Filing Date If Appropriate
/KH/	ABB	US-2003/0152903 A1	08-2003	Theilmann, Wolfgang			
	ACC	US-2003/0152904 A1	08-2003	Doty, Jr.			
	ADD	US-2003/0152905 A1	08-2003	Altenhofen et al.			
	AEE	US-2003/0152906 A1	08-2003	Krebs et al.			·
	AFF	US-2003/0157470 A1	08-2003	Altenhofen et al.			
	AGG	US-6606480 B1	08-2003	L'Allier et al.			
\/	АНН	US-2003/0175664 A1	09-2003	Frangenheim et al.			
V	AII	US-2003/0175676 A1	09-2003	Theilmann et al.			
/KH/	AJJ	US-6633742 B1	10-2003	Turner et al.			

	Foreign Patent Documents or Published Foreign Patent Applications												
Examiner Initial	Desig.	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Trans Yes	lation No					
/KH/	AKK												

[	Other Documents (include Author, Title, Date, and Place of Publication)						
Examiner	Desig.						
Initial	D	Document					
/KH/	ALL	Jörg Siekmann et al., "Adaptive Course Generation and Presentation," ITS Workshop on Adaptive and Intelligent Web-Based Foundation System, Montreal, The Omega Group; pp. 1-10, 2000					
	AMM	Lai JIN et al., "An Ontology-Aware Authoring Tool - Functional structure and guidance generation," Proceedings of AIED '99, pp. 85-92, LeManns France, 1999					
	ANN	Dietrich Albert et al., "Adaptive and Dynamic Hypertext Tutoring Systems Based on Knowledge Space Theory," AIED '97 Artificial Intelligence in Education, Amsterdam Vol. 39 of Froulier in Artificial Intelligence and Application, 1997					
	AOO	Sylvie Ranwez et al., "Description and Construction of Pedagogical Material using an Ontology based DTD," AIED '99 Workshop 2 proceedings "Ontologies for Intelligent Educational Systems", pp. 1-4, 1999					
	APP	Michael Jungmann et al., "Adaptive Hypertext in Complex Information Spaces," Daimler-Benz Research & Technology, Technical University of Ilmenau, pp. 1-5, March 8, 1997					
	AQQ	Nicola Henze et al.," Modeling Constructivist Teaching Functionality and Structure in the KBS Hyperbook System," University of Hannover, pp. 1-12, June 4, 1999					
V	ARR	Max Mühlhäuser, "Cooperative Computer-Aided Authoring and Learning," University of Karlsruhe, pp. 107-130, 145-161, 165-192, 273-291, 293-318, 1995					
/KH/	ASS	Professor Jouko Paaso, "A New Environment for Courseware Development, Course Delivery and Training," Proceedings of the ED-Media 97, Toronto, 1997					

Examiner Signature	/Kang Hu/	Date Considered	03/16/2007
EXAMINER: Initials ci next communication to		ough citation if not in conformance and	not considered. Include copy of this form with  Substitute Disclosure Form (PTO-1449)

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 13909-100001	Application No. 10/699,477	
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(Use several shee	ts if necessary)	Filing Date October 31, 2003	Group Art Unit	

TRADEMAR			U.S. Patent	Documents			
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
144	AA	US-6,336,813	01/2002	Siefert	_		
	AB	US-6,381,444	04/2002	Aggarwal et al.			
	AC	US-6,397,036	05/2002	Thean et al.			
	AD	US-6,729,885	05/2004	Stuppy et al.			
	AE	US-2003/0049593	03/2003	Parmer et al.			
	AF	US-2003/0129576	07/2003	Wood et al.			
	AG	US-2004/0081951	04/2004	Vigue et al.			
1ar	AH	US-RE38,432	02/2004	Fai et al.			

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner	Desig.	Document	Publication	Country or			Trans	lation
Initial	ID	Number	Date	Patent Office	Class	Subclass	Yes	No

	Other Documents (include Author, Title, Date, and Place of Publication)						
Examiner	Desig.						
Initial	ID	Document					
VLIP	AI	Global Knowledge Network, Inc., "On Demand Personal Navigator," http://kp.globalknowledge.com/products/od/index.asp, September 2002, 2 pgs.					
(	AJ	x.hlp, "Software for faster learning," http://www.xhlp.com/home.cfm, April 2003, 7 pgs.					

	7	<i>[</i>		
Examiner Signature			Date Considered	
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EXAMINER: Initials citation of next communication to applica		e through citation if no	t in conformance and not o	considered. Include copy of this form with
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Substitute Disclosure Form (PTO-1449)

/	Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 13909-100001	Application No. 10/699,477	
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	U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Fiting Date If Appropriate	
· KLP	AA	US-5675802 A	10/1997	Allen et al.				
I	AB	US-6134552 A	10/2000	Fritz et al.				
	AC	US-6430563 B1	08/2002	Fritz et al.				

	Foreig	n Patent Docu	ments or P	ublished Foreign	Patent /	Application	15	
Examiner	Desig.	Document	Publicatio	Country or			Trans	lation
Initial	ID	Number	n Date	Patent Office	Class	Subclass	Yes	No
164	AD	GB 2 373 625 A	09/2002	GB				

Other Documents (include Author, Title, Date, and Place of Publication)					
Examiner Initial	Desig. ID	Document			
KH	AE	Lipkin, Daniel, "Universal Learning Format Technical Specification," January 13, 2001, retrieved from the Internet on July 29, 2004, at <a href="http://xml.coverpages.org/ulf.html">http://xml.coverpages.org/ulf.html</a> , XP002290517, pp. 1-3			

Examiner Signature	Date Considered 3/ 16/07
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Substitute Form PTO-1449 (Mpdified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 13909-100001	Application No. 10/699,477	
Information Disc	closure Statement oplicant	Applicant Wolfgang Theilmann	et al.	
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4	Edding:			U.S. Patent	Documents			
	Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	141	AA	US-5584699	12-1996	Silver			
		AB	US-5675802 A	10-1997	Allen et al.			
Ī		AC	US-5802514	09-1998	Huber			
	7	AD	US-6134552 A	10-2000	Fritz et al.			
	•	AE	US-6175841	01-2001	Loiacono			
		AF	US-6430563 B1	08-2002	Fritz et al.			

Foreign Patent Documents or Published Foreign Patent Applications									
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation Yes No		
VOH	AG	GB 2373625 A	09-2002	United Kingdom					

(	Other Documents (include Author, Title, Date, and Place of Publication)					
Examiner	Desig.					
Initial	ID	Document				
KH	АН	Lipkin, Daniel, "Universal Learning Format Technical Specification," January 13, 2001, retrieved from the Internet on July 29, 2004, at <a href="http://xml.coverpages.org/ulf.html">http://xml.coverpages.org/ulf.html</a> , XP002290517, pp. 1-3.				

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U.S. Department of Commerce Patent and Trademark Office Attorney's Docket No. 13909-100001

Application No. 10/699,477

Sheet <u>1</u> of <u>1</u>

Information Disclosure Statement by Applicant (Use several sheets if necessary)

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Applicant
Wolfgang Theilmann et al.

October 31, 2003

Filing Date

Group Art Unit 371**3** 4

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**U.S. Patent Documents** Filing Date Publication Desig. If Appropriate **Subclass** Patentee Class Date ID **Document Number** Schloss et al. 11/1997 US-5692125 AA ΑB US-6029043 02/2000 Ho et al. 10/2002 Dornbush et al. US-6471521 AC US-2003/0195946 A1 10/2003 Yang AD

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Wood et al.

	Foreign Patent Documents or Published Foreign Patent Applications										
Examiner Initial		Document Number	Publication Date	Country or Patent Office	Class	Subclass		slation No			
KH	AG	WO 99/09490	02/1999	WIPO				/			
1	AH	WO 02/21379	03/2002	WIPO							
	AI	WO 02/073442 A	09/2002	WIPO							

03/2004

	Other Documents (include Author, Title, Date, and Place of Publication)					
Examiner Initial	Desig. ID .	Document				
MA	AJ	Eugster, Patrick, et al., "Distributed Asynchronous Collections: Abstractions for Publish/Subscribe Interaction," Agilent Lab. and Lombard Odier Co., January 10, 2000, pp. 1-34, XP002171795				
AK		Shorshita, Teruji, et al., "A Large-scale Contents Distribution Architecture Based on Reliable Multicast," Proceedings Internet Workshop, 1999, IWS '99 Osaka, Japan, February 18-20, 1999, pp. 75-80, XP010365597				

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U.S. Department of Commerce, Patent and Trademark Office

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Group Art Unit 3713 4

(37 CFR §1.98(b))

**U.S. Patent Documents** Examiner Desig. Document Publication Filing Date Initial ID Number Date Patentee Class **Subclass** If Appropriate 5,727,950 03/17/98 AA Cook et al.

Foreign Patent Documents or Published Foreign Patent Applications									
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Department of Commerce Patent and Trademark Office

Attorney's Docket No. Application No. 13909-100001 10/699,477

Information Disclosure Statement by Applicant (Use several sheets if necessary) Applicant
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Group Art Unit
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U.S. Patent Documents

Document Publication Number Date Patentee Class Subclass If Appropriate

US-6243692 06/05/2001 Floyd et al.

	Foreign Patent Documents or Published Foreign Patent Applications							
Examiner	Examiner Desig.	sig. Document	Publication	Country or			Translation	
Initial	ID	Number	Date	Patent Office	Class	Subclass	Yes	No
W	AB	WO 98/53384	11/26/1998	WIPO				
	AC	WO 00/54128	09/14/2000	WIPO				
	AD	EP 1 071 253	01/24/2001	ЕРО				

	Other D	ocuments (include Author, Title, Date, and Place of Publication)	
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	Substitute Form PTO-14490 (Modified)	Department of Commerce Patient and Trademark Office	Attorney's Docket No. 13909-100001	Application No 10/699,47	OIPE	
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	U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate	
KH	AA	US 5,727,951	03/17/1998	Ho et al.				
<del></del>	AB	US 6,988,138	01/17/2006	Alcorn et al.				
	AC	US 2001/0018178	08/30/2001	Siefert				
	AD	US 2002/0107681	08/08/2002	Goodkovsky				
t t	AE	US 2006/0059253	03/16/2006	Goodman et al.				

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner	Desig.	Document	Publication	Country or			Trans	lation
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